

## Mineral Import of Thailand 2020 - 2021 (Jan. - Jun.)

Source : Department of Primary Industries and Mines, in cooperation with the Customs Department.

Quantity : Tonnes      Value : Million Baht

Mineral	2020		2021		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
Aluminium ore	7,729	89.3	14,916	194.1	93.00%	117.42%
Andalusite, Kyannite and Sillimanite	1,831	20.4	2,175	27.0	18.80%	32.49%
Anhydrite	-	-	-	-	-	-
Anthracite	88,558	363.4	61,986	248.8	-30.01%	-31.54%
Antimony ore	728	18.3	4,722	517.8	548.39%	2734.85%
Apatite (ground)	1,698	5.0	3,312	8.8	95.04%	74.53%
Asbestos	19,440	259.9	15,683	219.2	-19.33%	-15.68%
Attapulgit	-	-	0	0.0	-	-
Ball Clay	11,168	65.2	12,255	75.2	9.73%	15.33%
Barite	53,320	98.1	41,104	82.2	-22.91%	-16.23%
Basalt	12,384	50.8	5,865	34.6	-52.64%	-31.84%
Bentonite	76,634	410.2	78,057	444.7	1.86%	8.39%
Bituminous coal	4,217,311	10,477.8	4,501,053	10,267.4	6.73%	-2.01%
Calcite	47	0.0	-	-	-	-
Chalk	12	0.2	28	0.4	133.50%	107.45%
Chromite ore	637	7.2	543	5.8	-14.79%	-18.84%
Coal Solid Fuels from Coal	7,422,993	11,092.9	7,350,252	12,702.6	-0.98%	14.51%
Cobalt ore	0	0.0	0	0.4	-	-
Coke	8,604	133.4	7,514	122.0	-12.68%	-8.52%
Columbite	142	48.9	-	-	-	-
Copper	82	0.7	4,260	16.3	5091.25%	2344.49%
Dolomite	746	12.1	253	2.8	-66.07%	-76.67%
Ecaussine	-	-	-	-	-	-
Emery	2,758	28.1	3,829	40.9	38.79%	45.49%
Epsomite	39	0.4	21	0.2	-45.45%	-43.42%
Feldspar	-	-	-	-	-	-
- Potassium, Sodium Feldspar	9,286	40.5	18,560	66.4	99.87%	63.95%
- Other Feldspar	7,566	36.8	9,687	36.7	28.03%	-0.45%
Fireclay	430	6.4	654	7.8	51.98%	22.92%
Flint	208,618	38.3	184,187	39.0	-11.71%	1.71%
Fluorite	3,589	15.7	6,535	30.7	82.05%	95.53%
Granite	42,136	119.3	24,670	106.7	-41.45%	-10.57%
Graphite	4,680	59.5	3,264	76.3	-30.25%	28.36%
Gypsum	213	4.4	124	2.8	-41.65%	-37.30%
ilmenite ore	46	2.0	104	4.7	126.30%	129.85%
Iron ore	323	3.7	558	4.4	73.03%	20.10%
Iron Pyrites	700	4.8	1,251	7.9	78.74%	64.95%
Kaolin	-	-	-	-	-	-
- Ceramic	15,992	97.4	19,041	136.7	19.06%	40.33%
- Paper	5,064	45.9	4,935	49.6	-2.54%	8.06%
- Others	25,951	259.3	42,257	377.3	62.83%	45.51%
Kieserite	1,838	7.8	8,495	45.2	362.20%	477.45%
Lead ore	40	12.3	101	37.0	153.60%	200.50%
Lignite	109,052	98.2	129,005	123.6	18.30%	25.88%
Limestone	965	9.8	1,566	21.6	62.19%	121.20%
Lucite, Nepheline and Nepheline Syenite	385	10.2	345	10.0	-10.40%	-2.13%
Magnesite	730	8.8	2,902	42.4	297.57%	382.75%
Manganese ore	54,747	85.5	10,599	18.3	-80.64%	-78.63%
Marble	13,072	189.6	11,768	172.9	-9.98%	-8.83%
Mica	2,713	73.2	3,952	97.5	45.64%	33.22%
Molybdenite ore	4,473	635.3	3,525	666.9	-21.20%	4.98%
Mullite	990	15.2	1,640	25.4	65.61%	67.31%
Nickel ore	4	1.8	1	1.1	-73.71%	-41.52%
Niobium and Vanadium ore	10,042	199.5	34,037	794.1	238.96%	298.13%
Orpiment	355	2.6	701	5.7	97.61%	120.48%
Peat	9,562	69.9	12,694	109.9	32.76%	57.19%
Phosphate	-	-	-	-	-	-
- Ground	-	-	-	-	-	-
- Unground	1	0.7	0	0.0	-97.16%	-98.56%
Potash	-	-	-	-	-	-
Pumice stone	3,012	24.1	5,473	40.1	81.70%	66.63%
Pyrophyllite	60	0.4	100	0.7	66.67%	69.27%
Quartz	9,457	71.5	26,333	169.5	178.45%	137.18%
Rock salt	242	1.4	91	2.0	-62.61%	40.54%
Sandstone	1,582	1.7	405	5.4	-74.40%	209.94%
Serpentine	133	1.3	55	0.7	-58.20%	-44.87%
Silica sand	29,977	158.8	38,743	225.0	29.24%	41.68%
Silver ore	4	0.3	4	0.3	0.00%	-6.78%
Slate	22	0.3	23	0.3	2.26%	11.20%
Steatite	346	5.1	682	9.6	96.98%	88.04%
Sulphur	55,403	166.7	63,273	356.2	14.21%	113.73%
Talc	66,805	650.6	81,324	900.7	21.73%	38.44%
Tantalite	128	164.0	423	514.1	230.36%	213.51%
Thorium ore	-	-	-	-	-	-
Tin ore	9,193	2,598.8	9,310	4,231.9	1.27%	62.84%
Titanium ore	-	-	-	-	-	-
- Rutile	2,537	118.1	708	32.5	-72.09%	-72.53%
- Leucocoxene	200	8.0	160	6.1	-20.00%	-23.70%
- Ilmenite	420	5.0	161	4.1	-61.67%	-17.88%
- Other Titanium ore	-	0.0	176	7.5	-	-
Tungsten (other)	0	0.0	-	-	-	-
Vermiculite, Perlite and Chlorites	1,992	23.4	2,290	22.4	14.95%	-4.38%
Witherite	50	0.7	50	0.8	0.00%	5.54%
Zinc ore	504	1.5	4,759	12.1	844.69%	685.33%
Zirconium ore	4,773	206.6	15,969	390.9	234.57%	89.19%
<b>Total</b>		<b>29,544.8</b>		<b>35,062.2</b>		<b>18.67%</b>

0\* denoting the amount of less than 0.1 metric tonnes

0.0\*\* denoting the amount of less than 0.05 million baht

# Mineral Import of Thailand 2020 - 2021 (Jan. - Jun.) by Group

Quantity : Tonnes

Source : Department of Primary Industries and Mines, in cooperation with the Customs Department.

Value : Million Baht

Mineral	2020		2021		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Mineral Fuels and Energy</b>						
Anthracite	88,558	363.4	61,986	248.8	-30.01%	-31.54%
Bituminous coal	4,217,311	10,477.8	4,501,053	10,267.4	6.73%	-2.01%
Coal Solid Fuels from Coal	7,422,993	11,092.9	7,350,252	12,702.6	-0.98%	14.51%
Coke	8,604	133.4	7,514	122.0	-12.68%	-8.52%
Lignite	109,052	98.2	129,005	123.6	18.30%	25.88%
Peat	9,562	69.9	12,694	109.9	32.76%	57.19%
Total		22,235.5		23,574.2		6.02%
%		75.26		67.24		-10.66%
<b>Iron and Ferro Alloy</b>						
Chromite ore	637	7.2	543	5.8	-14.79%	-18.84%
Cobalt ore	0	0.0	0	0.4	2471.43%	2677.57%
Columbite	142	48.9	-	-	-	-
Iron ore	323	3.7	558	4.4	73.03%	20.10%
Iron Pyrites	700	4.8	1,251	7.9	78.74%	64.95%
Manganese ore	54,747	85.5	10,599	18.3	-80.64%	-78.63%
Molybdenite ore	4,473	635.3	3,525	666.9	-21.20%	4.98%
Nickel ore	4	1.8	1	1.1	-73.71%	-41.52%
Tungsten (other)	0	0.0	-	-	-	-
Total		787.3		704.8		-10.47%
%		2.66		2.01		-24.56%
<b>Base Metals</b>						
Aluminium ore	7,729	89.3	14,916	194.1	93.00%	117.42%
Antimony ore	728	18.3	4,722	517.8	548.39%	2734.85%
Copper	82	0.7	4,260	16.3	5091.25%	2344.49%
Lead ore	40	12.3	101	37.0	153.60%	200.50%
Tin ore	9,193	2,598.8	9,310	4,231.9	1.27%	62.84%
Zinc ore	504	1.5	4,759	12.1	844.69%	685.33%
Total		2,720.8		5,009.3		84.11%
%		9.21		14.29		55.14%
<b>Precious Metals and Precious Stone</b>						
Emerald	2,758	28.1	3,829	40.9	38.79%	45.49%
Silver ore	4	0.3	4	0.3	0.00%	-6.78%
Total		28.4		41.2		44.92%
%		0.10		0.12		22.11%
<b>Light Metals and Rare Earth</b>						
ilmenite ore	46	2.0	104	4.7	126.30%	129.85%
Niobium and Vanadium ore	10,042	199.5	34,037	794.1	238.96%	298.13%
Tantalite	128	164.0	423	514.1	230.36%	213.51%
Thorium ore	-	-	-	-	-	-
Titanium ore						
- Rutile	2,537	118.1	708	32.5	-72.09%	-72.53%
- Leucoxene	200	8.0	160	6.1	-20.00%	-23.70%
- Ilmenite	420	5.0	161	4.1	-61.67%	-17.88%
- Other Titanium ore	-	0.0	176	7.5	-	-
Zirconium ore	4,773	206.6	15,969	390.9	234.57%	89.19%
Total		703.1		1,753.8		149.44%
%		2.38		5.00		110.19%
<b>Cement Industrial Minerals</b>						
Anhydrite	-	-	-	-	-	-
Gypsum	213	4.4	124	2.8	-41.65%	-37.30%
Limestone	965	9.8	1,566	21.6	62.19%	121.20%
Total		14.2		24.4		71.93%
%		0.05		0.07		44.88%

0\* denoting the amount of less than 0.1 metric tonnes

0.0\*\* denoting the amount of less than 0.05 million baht

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Source : Department of Primary Industries and Mines, in cooperation with the Customs Department.

Value : Million Baht

Mineral	2020		2021		Percentage	
	Quantity	Value	Quantity	Value	Quantity	Value
<b>Ceramic Industrial Minerals</b>						
Andalusite, Kyannite and Sillimanite	1,831	20.4	2,175	27.0	18.80%	32.49%
Attapulgit	-	-	0	0.0	-	-
Ball Clay	11,168	65.2	12,255	75.2	9.73%	15.33%
Dolomite	746	12.1	253	2.8	-66.07%	-76.67%
Feldspar						
- Potassium, Sodium Feldspar	9,286	40	18,560	66	99.87%	63.95%
- Other Feldspar	7,566	37	9,687	37	28.03%	-0.45%
Kaolin						
- Ceramic	15,992	97.4	19,041	136.7	19.06%	40.33%
- Paper	5,064	45.9	4,935	49.6	-2.54%	8.06%
- Others	25,951	259.3	42,257	377.3	62.83%	45.51%
Lucite, Nepheline and Nepheline Syenite	385	10.2	345	10.0	-10.40%	-2.13%
Mullite	990	15.2	1,640	25.4	65.61%	67.31%
Quartz	9,457	71.5	26,333	169.5	178.45%	137.18%
Silica sand	29,977	158.8	38,743	225.0	29.24%	41.68%
Total		833.3		1,201.6		44.20%
%		2.82		3.43		21.50%
<b>Dimension Stone</b>						
Ecaussine	-	-	-	-	-	-
Granite	42,136	119.3	24,670	106.7	-41.45%	-10.57%
Marble	13,072	189.6	11,768	172.9	-9.98%	-8.83%
Sandstone	1,582	1.7	405	5.4	-74.40%	209.94%
Serpentine	133	1	55	1	-58.20%	-44.87%
Slate	22	0.3	23	0.3	2.26%	11.20%
Total		312.2		286.0		-8.41%
%		1.06		0.82		-22.82%
<b>Industrial Rock</b>						
Basalt	12,384	50.8	5,865	34.6	-52.64%	-31.84%
Flint	208,618	38.3	184,187	39.0	-11.71%	1.71%
Pumice stone	3,012	24.1	5,473	40.1	81.70%	66.63%
Vermiculite, Perlite and Chlorites	1,992	23.4	2,290	22.4	14.95%	-4.38%
Total		136.6		136.1		-0.37%
%		0.46		0.39		-16.05%
<b>Other Industrial Minerals</b>						
Apatite (ground)	1,698	5.0	3,312	8.8	95.04%	74.53%
Asbestos	19,440	259.9	15,683	219.2	-19.33%	-15.68%
Barite	53,320	98.1	41,104	82.2	-22.91%	-16.23%
Bentonite	76,634	410.2	78,057	444.7	1.86%	8.39%
Calcite	47	0.0	-	-	-	-
Chalk	12	0.2	28	0.4	133.50%	107.45%
Epsomite	39	0.4	21	0.2	-	-
Fireclay	430	6.4	654	7.8	51.98%	22.92%
Fluorite	3,589	15.7	6,535	30.7	82.05%	95.53%
Graphite	4,680	59.5	3,264	76.3	-30.25%	28.36%
Kieserite	1,838	7.8	8,495	45.2	362.20%	477.45%
Magnesite	730	8.8	2,902	42.4	297.57%	382.75%
Mica	2,713	73.2	3,952	97.5	45.64%	33.22%
Orpiment	355	2.6	701	5.7	97.61%	120.48%
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.7	0	0.0	-97%	-98.56%
Potash	-	-	-	-	-	-
Pyrophyllite	60	0.4	100	1	67%	69.27%
Rock salt	242	1.4	91	2	-63%	40.54%
Steatite	346	5.1	682	9.6	96.98%	88.04%
Sulphur	55,403	166.7	63,273	356.2	14.21%	113.73%
Talc	66,805	650.6	81,324	900.7	21.73%	38.44%
Witherite	50	0.7	50	0.8	0.00%	5.54%
Total		1,773.4		2,330.9		31.44%
%		6.00		6.65		10.76%
<b>Total</b>		<b>29,544.8</b>		<b>35,062.2</b>		<b>18.67%</b>

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Bituminous coal	4,217,311	10,477.8	4,501,053	10,267.4	6.73%	-2.01%
Tin ore	9,193	2,598.8	9,310	4,231.9	1.27%	62.84%
Talc	66,805	650.6	81,324	900.7	21.73%	38.44%
Niobium and Vanadium ore	10,042	199.5	34,037	794.1	238.96%	298.13%
Molybdenite ore	4,473	635.3	3,525	666.9	-21.20%	4.98%
Kaolin						
- Ceramic	15,992	97.4	19,041	136.7	19.06%	40.33%
- Paper	5,064	45.9	4,935	49.6	-2.54%	8.06%
- Others	25,951	259.3	42,257	377.3	62.83%	45.51%
Antimony ore	728	18.3	4,722	517.8	548.39%	2734.85%
Tantalite	128	164.0	423	514.1	230.36%	213.51%
Bentonite	76,634	410.2	78,057	444.7	1.86%	8.39%
Zirconium ore	4,773	206.6	15,969	390.9	234.57%	89.19%
Sulphur	55,403	166.7	63,273	356.2	14.21%	113.73%
Anthracite	88,558	363.4	61,986	248.8	-30.01%	-31.54%
Silica sand	29,977	158.8	38,743	225.0	29.24%	41.68%
Asbestos	19,440	259.9	15,683	219.2	-19.33%	-15.68%
Aluminium ore	7,729	89.3	14,916	194.1	93.00%	117.42%
Marble	13,072	189.6	11,768	172.9	-9.98%	-8.83%
Quartz	9,457	71.5	26,333	169.5	178.45%	137.18%
Lignite	109,052	98.2	129,005	123.6	18.30%	25.88%
Coke	8,604	133.4	7,514	122.0	-12.68%	-8.52%
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Mica	2,713	73.2	3,952	97.5	45.64%	33.22%
Barite	53,320	98.1	41,104	82.2	-22.91%	-16.23%
Graphite	4,680	59.5	3,264	76.3	-30.25%	28.36%
Ball Clay	11,168	65.2	12,255	75.2	9.73%	15.33%
Titanium ore						
- Rutile	2,537	118.1	708	32.5	-72.09%	-72.53%
- Leucoxene	200	8.0	160	6.1	-20.00%	-23.70%
- Ilmenite	420	5.0	161	4.1	-61.67%	-17.88%
- Other Titanium ore	-	0.0	176	7.5	-	-
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Emery	2,758	28.1	3,829	40.9	38.79%	45.49%
Pumice stone	3,012	24.1	5,473	40.1	81.70%	66.63%
Flint	208,618	38.3	184,187	39.0	-11.71%	1.71%
Lead ore	40	12.3	101	37.0	153.60%	200.50%
Basalt	12,384	50.8	5,865	34.6	-52.64%	-31.84%
Fluorite	3,589	15.7	6,535	30.7	82.05%	95.53%
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Mullite	990	15.2	1,640	25.4	65.61%	67.31%
Vermiculite, Perlite and Chlorites	1,992	23.4	2,290	22.4	14.95%	-4.38%
Limestone	965	9.8	1,566	21.6	62.19%	121.20%
Manganese ore	54,747	85.5	10,599	18.3	-80.64%	-78.63%
Copper	82	0.7	4,260	16.3	5091.25%	2344.49%
Zinc ore	504	1.5	4,759	12.1	844.69%	685.33%
Lucite, Nepheline and Nepheline Syenite	385	10.2	345	10.0	-10.40%	-2.13%
Steatite	346	5.1	682	9.6	96.98%	88.04%
Apatite (ground)	1,698	5.0	3,312	8.8	95.04%	74.53%
Iron Pyrites	700	4.8	1,251	7.9	78.74%	64.95%
Fireclay	430	6.4	654	7.8	51.98%	22.92%
Chromite ore	637	7.2	543	5.8	-14.79%	-18.84%
Orpiment	355	2.6	701	5.7	97.61%	120.48%
Sandstone	1,582	1.7	405	5.4	-74.40%	209.94%
ilmenite ore	46	2.0	104	4.7	126.30%	129.85%
Iron ore	323	3.7	558	4.4	73.03%	20.10%
Dolomite	746	12.1	253	2.8	-66.07%	-76.67%
Gypsum	213	4.4	124	2.8	-41.65%	-37.30%
Rock salt	242	1.4	91	2.0	-	-
Nickel ore	4	1.8	1	1.1	-73.71%	-41.52%
Witherite	50	0.7	50	0.8	-	-
Serpentine	133	1.3	55	0.7	-58.20%	-44.87%
Pyrophyllite	60	0.4	100	0.7	-	-
Chalk	12	0.2	28	0.4	1.33	1.07
Cobalt ore	0	0.0	0	0.4	24.71	26.78
Slate	22	0.3	23	0.3	2.26%	11.20%
Silver ore	4	0.3	4	0.3	0.00%	-6.78%
Epsomite	39	0.4	21	0.2	-45.45%	-43.42%
Attapulgit	-	-	0	0.0	-	-
Phosphate						
- Ground	-	-	-	-	-	-
- Unground	1	0.7	0	0.0	-97.16%	-98.56%
Anhydrite	-	-	-	-	-	-
Calcite	47	0.0	-	-	-	-
Columbite	142	48.9	-	-	-	-
Ecaussine	-	-	-	-	-	-
Potash	-	-	-	-	-	-
Thorium ore	-	-	-	-	-	-
Tungsten (other)	0	0.0	-	-	-	-
<b>Total</b>		<b>29,544.81</b>		<b>35,062.2</b>		<b>18.67%</b>

0\* denoting the amount of less than 0.1 metric tonnes

0.0\*\* denoting the amount of less than 0.05 million baht